

ABSTRACT

A transient voltage surge suppressor apparatus is disclosed to protect equipment with voltage sensitive electronics, such as office equipment, from surges or transients in the power distribution network furnishing power, where apparatus includes an LC filter component between neutral and ground leads having at least one inductive element disposed in the ground lead and a capacitive component connected between the neutral and ground leads after the inductive element toward the device. The apparatus can also sense incoming voltage and electrically isolate components of the apparatus and/or disconnects the neutral leads and hot leads of the power network from the neutral lead and hot lead of the office equipment if a voltage surge above a threshold level as well as voltage suppression circuits and/or filters between hot and neutral and between hot and ground and voltage suppression circuits between neutral and ground.